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PATENT ABSTRACTS OF JAPAN

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(54) PRODUCTION OF MICROCAPSULE

(57)Abstract:

PURPOSE: To enable the formation of wall membranes on a highly hydrophobic core substance with coacervation by treating the core substance with a surface active high molecular compd. having specified hydrophilic groups to and by sticking the coacervate to the outside of the treated core substance.

CONSTITUTION: When a highly hydrophobic substance is used as a core substance, the core substance is treated with a surface active high molecular compd. having plural hydrophilic groups selected among carboxyl, amino, amido or guanidino groups in one molecule and coacervate is stuck to the outside of the core substance to form wall membranes and to produce microcapsules. The pref. number of the hydrophilic groups in the high molecular compd. is ≥ 5 and the compd. is added before the hardening reaction of the wall membranes is caused. Paraffin wax or silicone oil may be used as the highly hydrophobic core substance microencapsulated by this method.

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